



## Darin Hawkes, P.E. | Principal

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Mr. Hawkes' has a vast amount of experience in various civil engineering disciplines. He specializes in difficult projects that often have space, access and/or extreme time constraints. He has developed a reputation for being able to view a problem from multiple angles to develop a solution that works for his client. His experience ranges from pumping system design, concrete storage tanks and open reservoir design, to large concrete water storage facilities and high elevation snowmaking reservoirs and dams. Many of his projects are provided as turn-key solutions for his clients with his direct involvement from conceptual design through contract administration and project close-out. As part of the AQUA team, he has lead and assisted in numerous design projects, the completion of several System Capacity Analyses, Municipal Capital Facility Plans and large-scale Master Plans for both culinary water and wastewater.

### Project Experience

Pumping Stations

#### Deer Crest Booster Pump Station – 2018

Civil, Structural, Mechanical Design & Construction Management

#### Mountain Regional Water 2MG Tank Booster Pumping Station – 2016

Civil, Structural, Mechanical Design & Construction Management

#### Grantsville West Bench Booster Pumping Station – 2015

Civil, Structural, Mechanical Design & Construction Management

#### Mountain Regional Water Bear Hollow Booster Pumping Station – 2015

Civil, Structural, Mechanical Design & Construction Management

#### Mountain Regional Water Blackhawk Booster Pumping Station – 2014

Civil, Structural, Mechanical Design & Construction Management

#### Hyrum City Reclaimed Water Pumping Station – 2011

Civil, Structural, Mechanical Design & Construction Management

Master Plans, Capital Facility Plans, Planning Documents

#### Driggs Idaho Water System Facility Plan – 2015

CAD software water modeling, Planning and system characterization

#### Western Zirconium Chemical Milling Facility Site Feasibility Study - 2011

Construction Feasibility Review

#### Sage Glen Well Preliminary Engineering Report - 2009

Develop PER as required per Utah Division of Drinking Water Requirements

#### Pole Canyon Wet Utilities Master Plan - 2007

Planning, Survey coordination, CAD Utility Modelling, Cost analysis

#### West Wendover Nevada Culinary Water and Wastewater System Master Plan - 2006

Planning

Wells and Groundwater Development

#### Utah Valley University Irrigation Well – 2018

Civil, Structural, Mechanical Design & Construction Management

#### Utah Valley University South Well Overdrill – 2015 to Present

Civil, Structural, Mechanical Design & Construction Management

### Education

B.S. Civil Engineering,  
University of Utah, 2003

### Registration

Professional Engineer (Structural):  
Utah

### Work Experience

17 Years

### Affiliations

ASCE

### Expertise

- Hydro and Civil Structural Design (Storage Tanks, Retaining Walls, Platforms, etc.)
- Pumping System Design
- Industrial Facility Expansion, Remodel and Retrofit
- Hydraulic & Hydrologic
- Computer Modeling
- Facility Plans & Master Plans
- Water Resources Treatment

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### Project Experience (continued)

**Utah Valley University Heat Exchange Wells - 2012**

Civil, Structural, Mechanical Design & Construction Management

Water Storage Facilities

**Mountain Regional Water 2MG Rectangular Tank Design - 2016**

Civil, Structural, Mechanical Design & Construction Management

**Promontory Ranch 1MG Concrete Tank Design - 2015**

Civil, Structural, Mechanical Design & Construction Management

**Snowbird Snowmaking Reservoir Design - 2015**

Civil, Structural, Mechanical Design & Construction Management

**Snowbasin Snowmaking Reservoir Design - 2014**

Civil, Structural, Mechanical Design & Construction Management

**Owens Corning 225Kgal Fire Storage Tank Design - 2013**

Civil, Structural, Mechanical Design & Construction Management

**Hyrum City, Utah - 2MG Concrete Tank - 2011**

Civil, Structural, Mechanical Design & Construction Management

**Elk Ridge City, Utah - 1MG Prestressed Concrete Tank - 2008**

Civil, Structural, Mechanical Design & Construction Management

